Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
Data File : BF090513.D
Acq On : 11 Oct 2016 20:24
Operator : UM/SJ
Sample : H5146-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0617

Quant Time: Oct 12 00:58:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 16:14:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	202858	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	831774	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	461466	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	770369	20.00	ng	0.00
75) Chrysene-d12	14.12	240	690520	20.00	ng	-0.01
86) Perylene-d12	15.60	264	556803	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	718480	55.10	ng	0.00
7) Phenol-d6	6.58	99	599828	36.45	ng	-0.01
23) Nitrobenzene-d5	7.51	82	1317606	85.92	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	451239	98.64	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	2443913	89.00	ng	0.00
78) Terphenyl-d14	13.08	244	2946981	104.30	ng	0.00
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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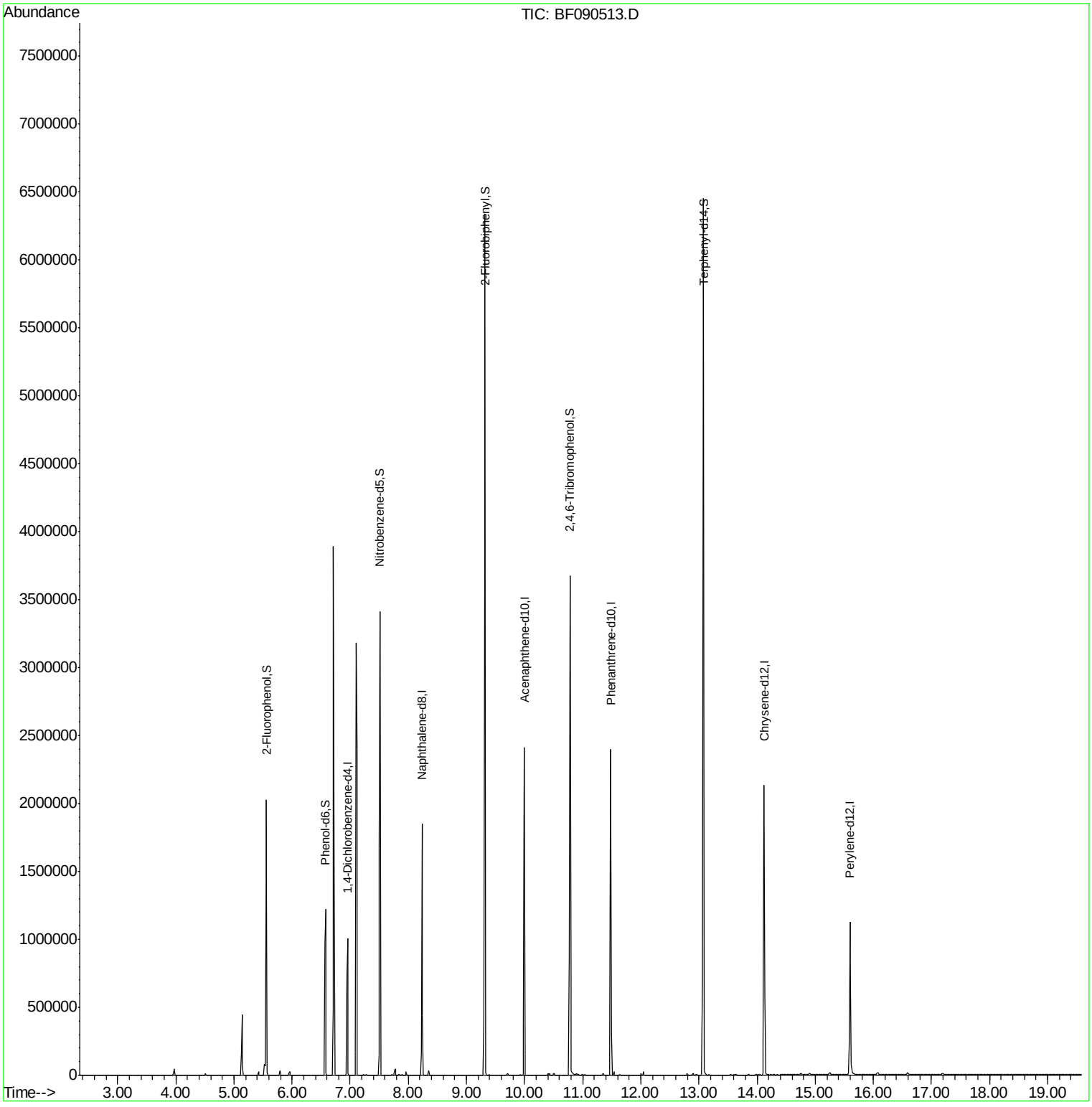
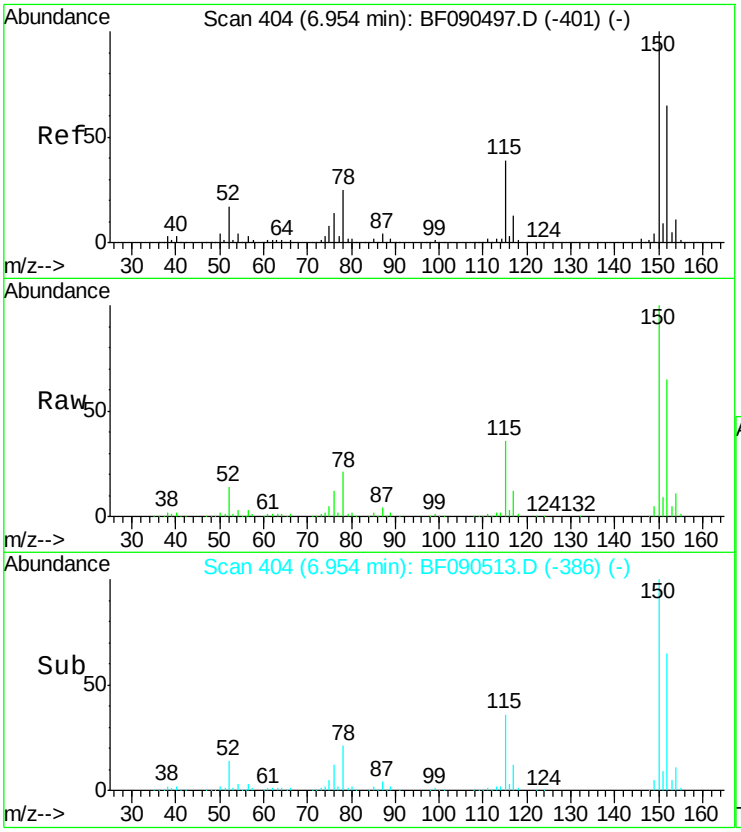


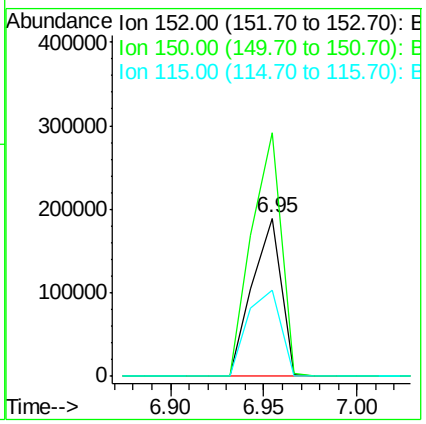


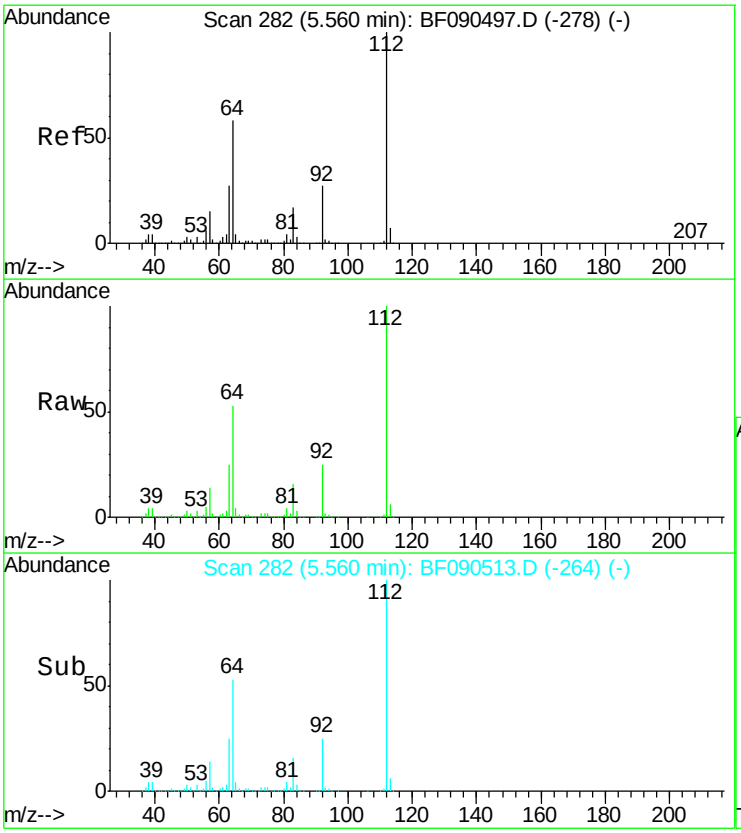
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090513.D
Acq: 11 Oct 2016 20:24

Instrument :
BNA_F
ClientSampleId :
S8-0617

Tgt Ion:152 Resp: 202858

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	54.8	46.2	69.4

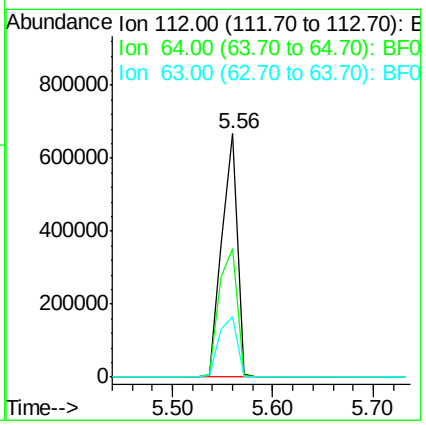


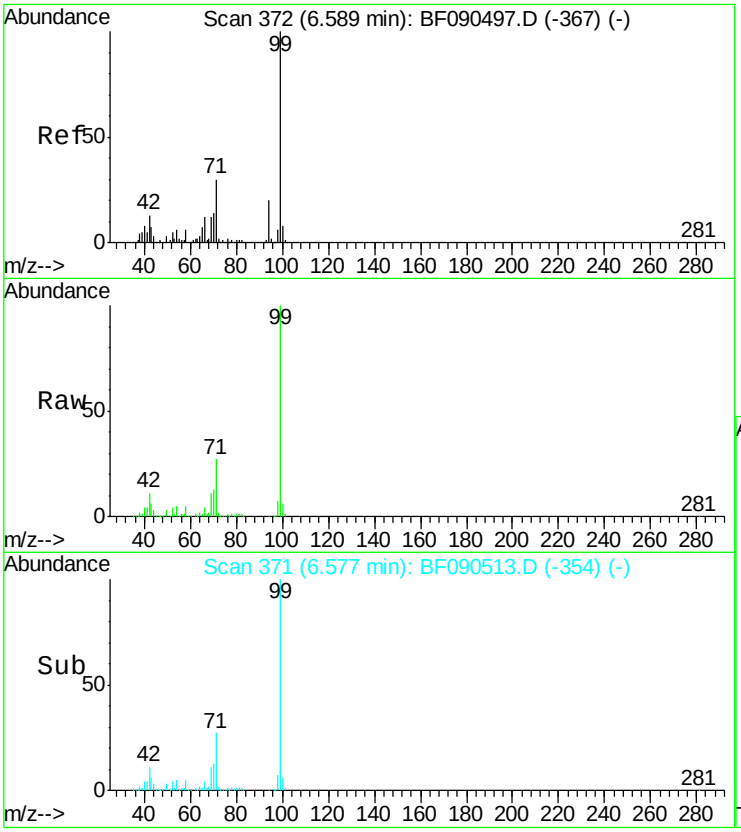


#5
2-Fluorophenol
Concen: 55.10 ng
RT: 5.56 min Scan# 282
Delta R.T. 0.00 min
Lab File: BF090513.D
Acq: 11 Oct 2016 20:24

Tgt Ion:112 Resp: 718480

Ion	Ratio	Lower	Upper
112	100		
64	53.0	57.9	86.9#
63	25.0	29.6	44.4#



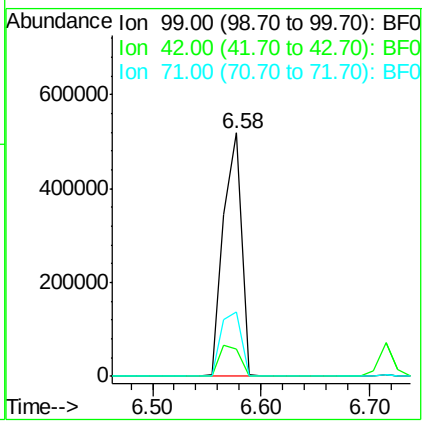


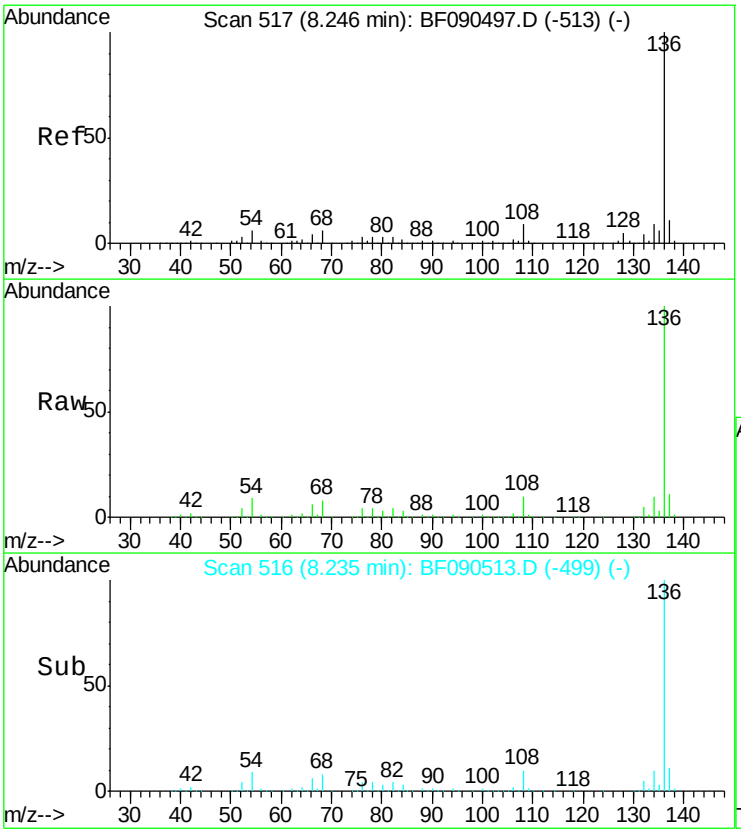
#7
Phenol-d6
Concen: 36.45 ng
RT: 6.58 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF090513.D
Acq: 11 Oct 2016 20:24

Instrument :
BNA_F
ClientSampleId :
S8-0617

Tgt Ion: 99 Resp: 599828

Ion	Ratio	Lower	Upper
99	100		
42	11.1	20.0	30.0#
71	26.6	27.9	41.9#

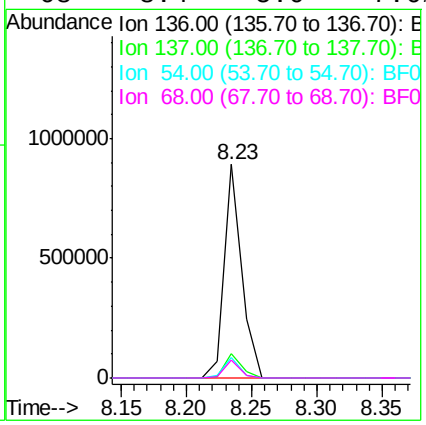


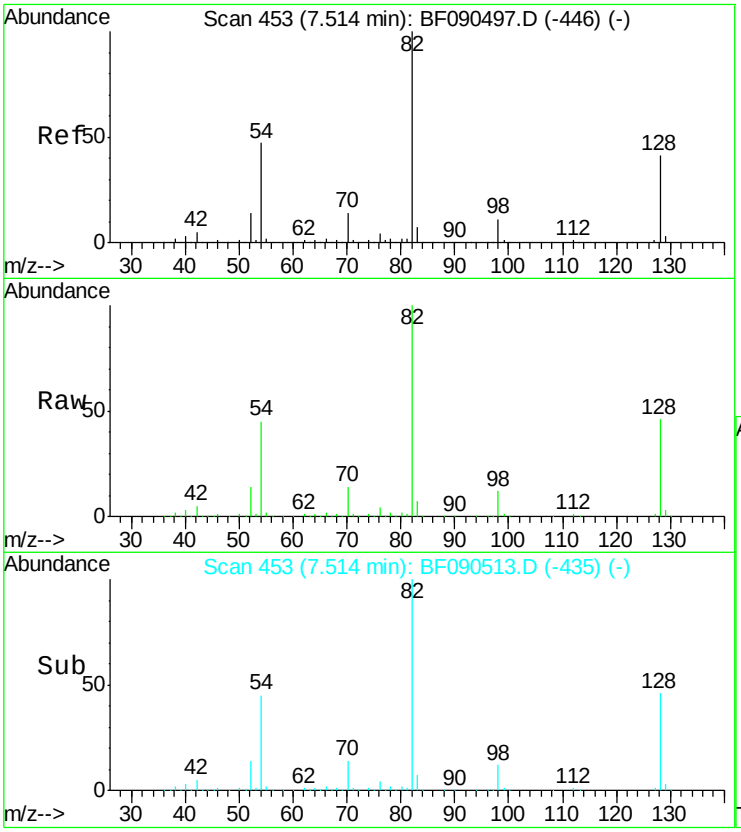


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF090513.D
Acq: 11 Oct 2016 20:24

Tgt Ion:136 Resp: 831774

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	9.4	6.6	10.0
68	8.4	5.0	7.6#



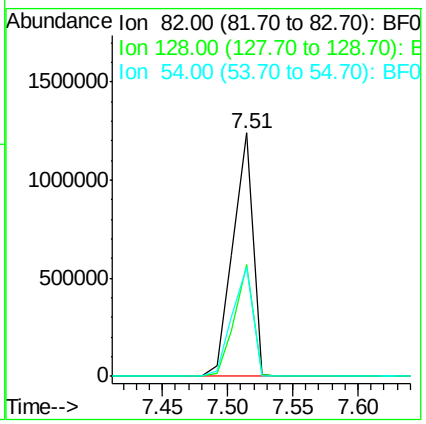


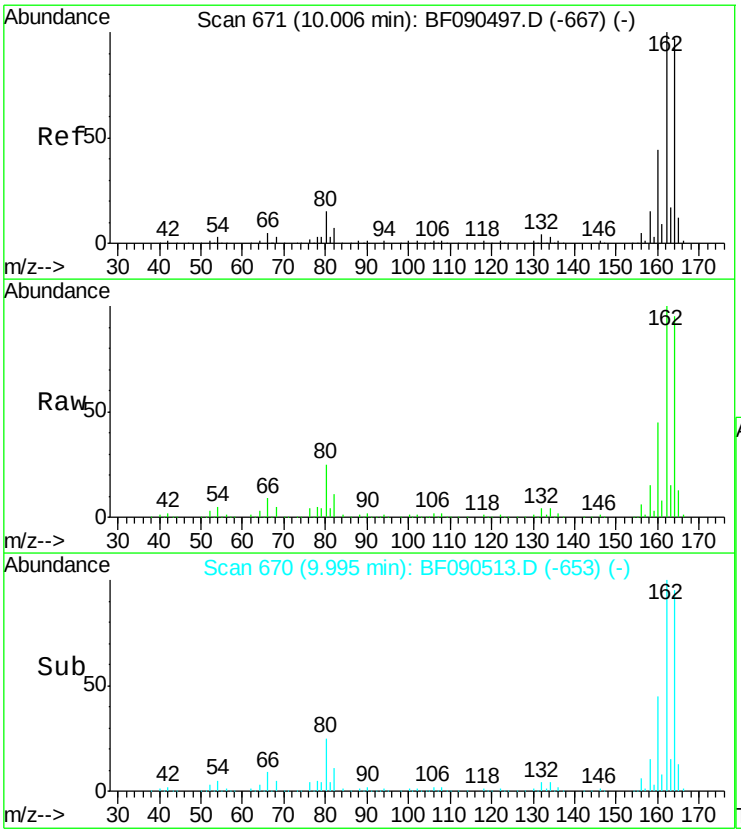
#23
Nitrobenzene-d5
Concen: 85.92 ng
RT: 7.51 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF090513.D
Acq: 11 Oct 2016 20:24

Instrument :
BNA_F
ClientSampleId :
S8-0617

Tgt Ion: 82 Resp: 1317606

Ion	Ratio	Lower	Upper
82	100		
128	45.7	40.0	60.0
54	44.7	42.6	64.0

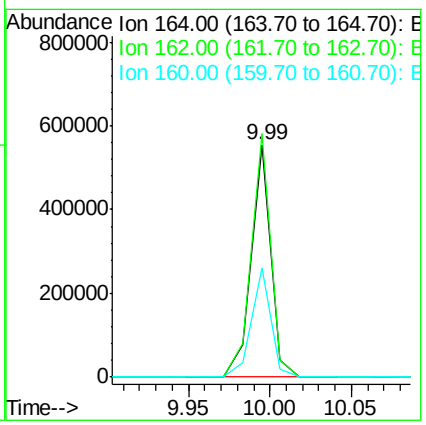


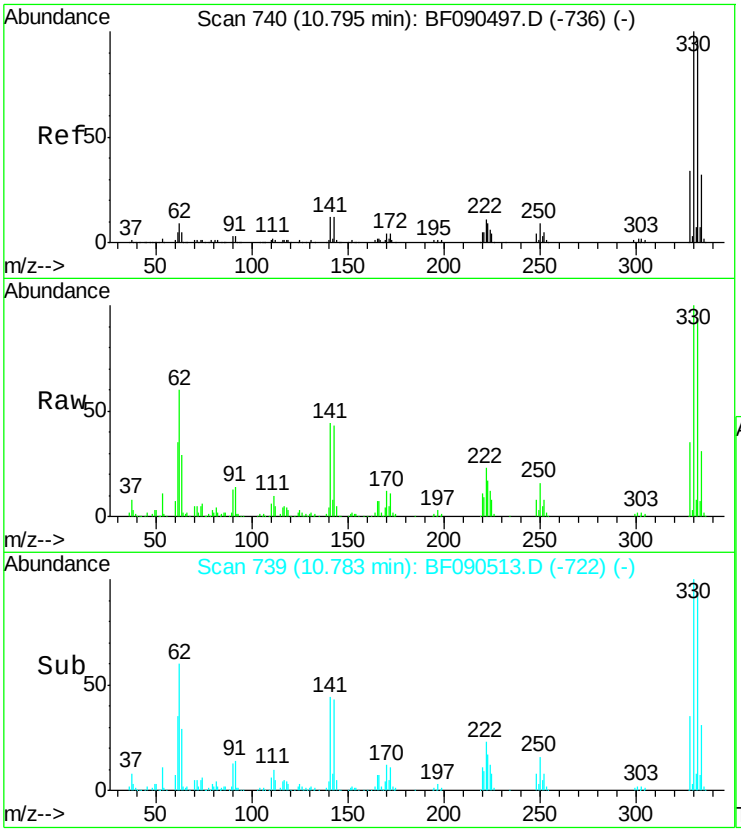


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF090513.D
Acq: 11 Oct 2016 20:24

Tgt Ion:164 Resp: 461466

Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.1	120.1
160	47.1	36.3	54.5



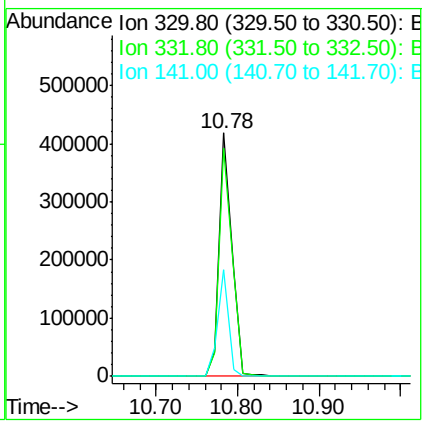


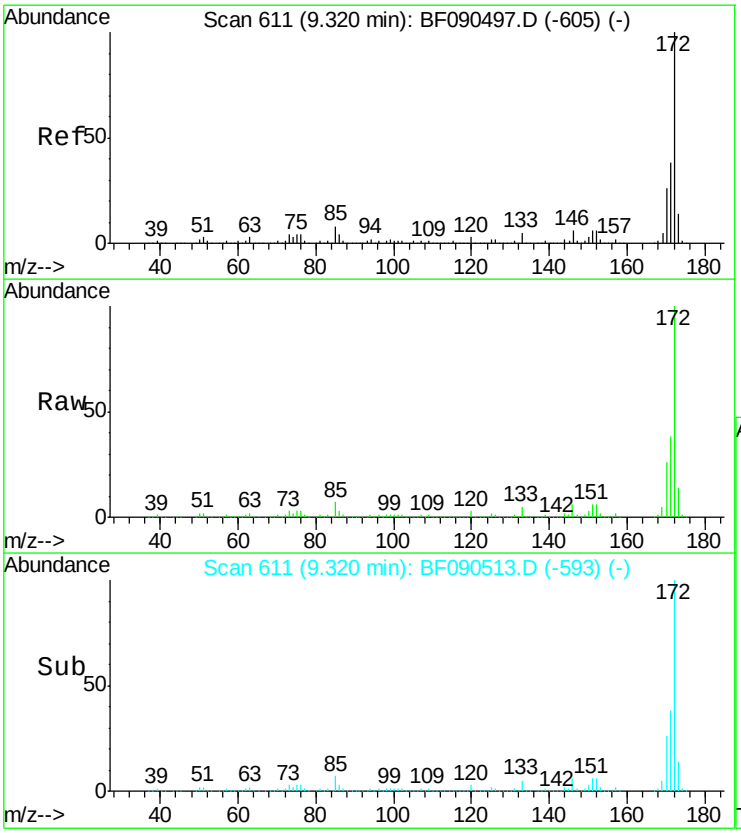
#41
2,4,6-Tribromophenol
Concen: 98.64 ng
RT: 10.78 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF090513.D
Acq: 11 Oct 2016 20:24

Instrument :
BNA_F
ClientSampleId :
S8-0617

Tgt Ion:330 Resp: 451239

Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.4	113.0
141	38.3	26.9	40.3

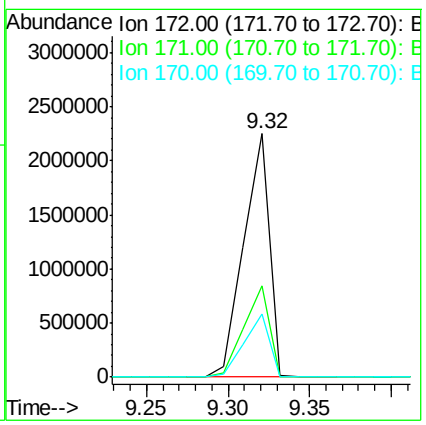


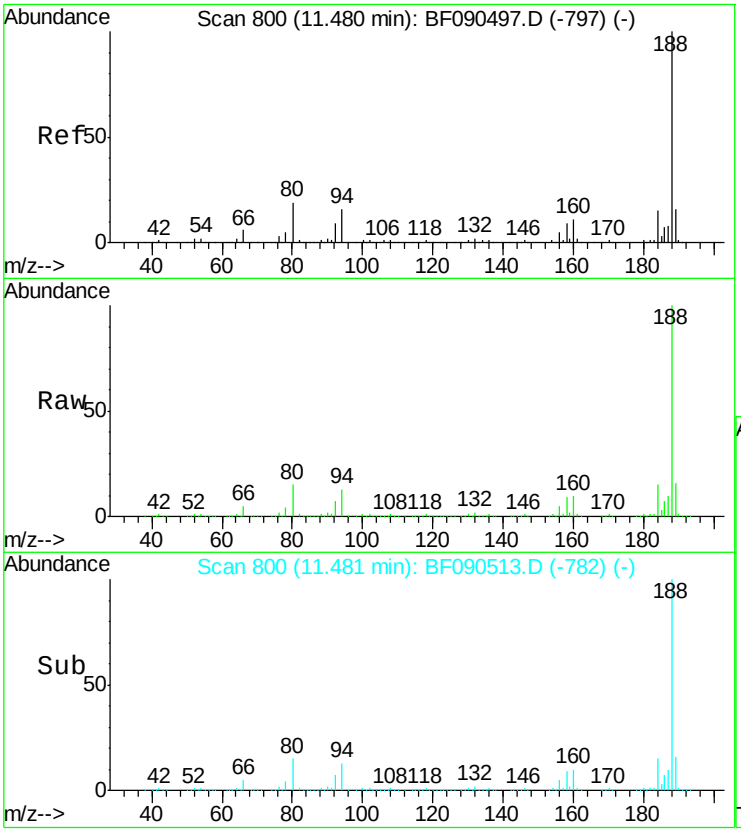


#44
2-Fluorobiphenyl
Concen: 89.00 ng
RT: 9.32 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF090513.D
Acq: 11 Oct 2016 20:24

Tgt Ion:172 Resp: 2443913

Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.8	47.8
170	25.7	21.7	32.5



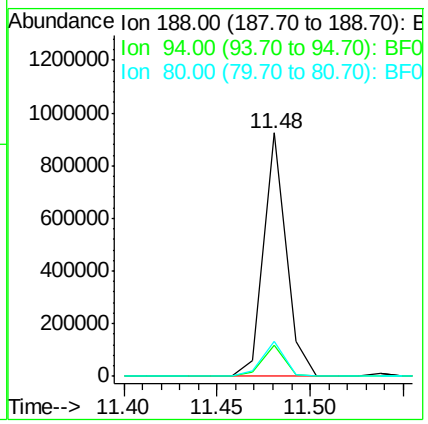


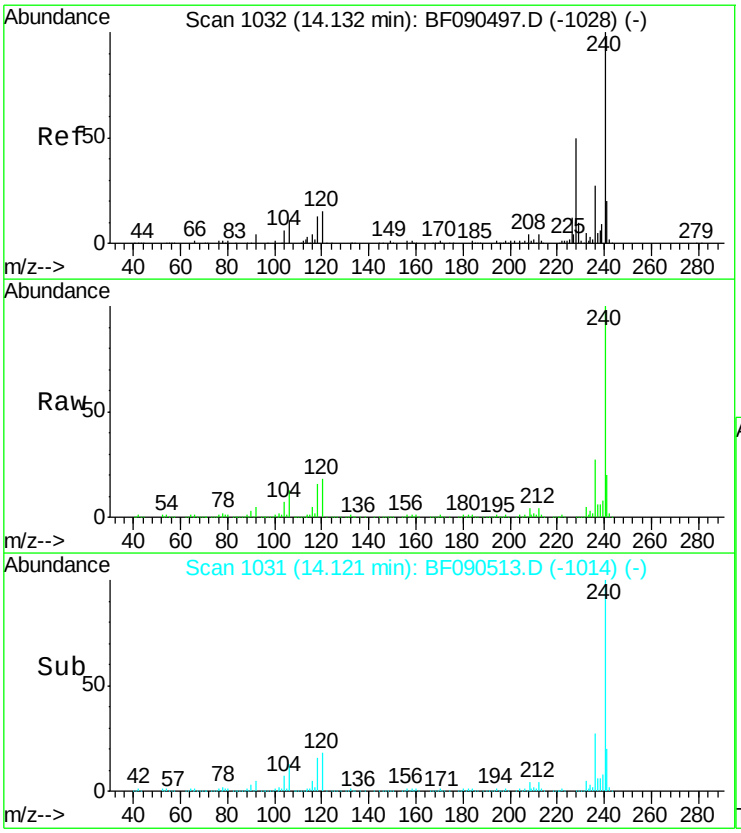
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF090513.D
Acq: 11 Oct 2016 20:24

Instrument :
BNA_F
ClientSampleId :
S8-0617

Tgt Ion:188 Resp: 770369

Ion	Ratio	Lower	Upper
188	100		
94	12.9	8.2	12.2#
80	14.5	8.8	13.2#

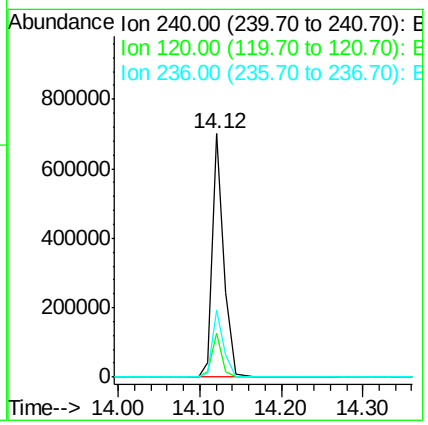


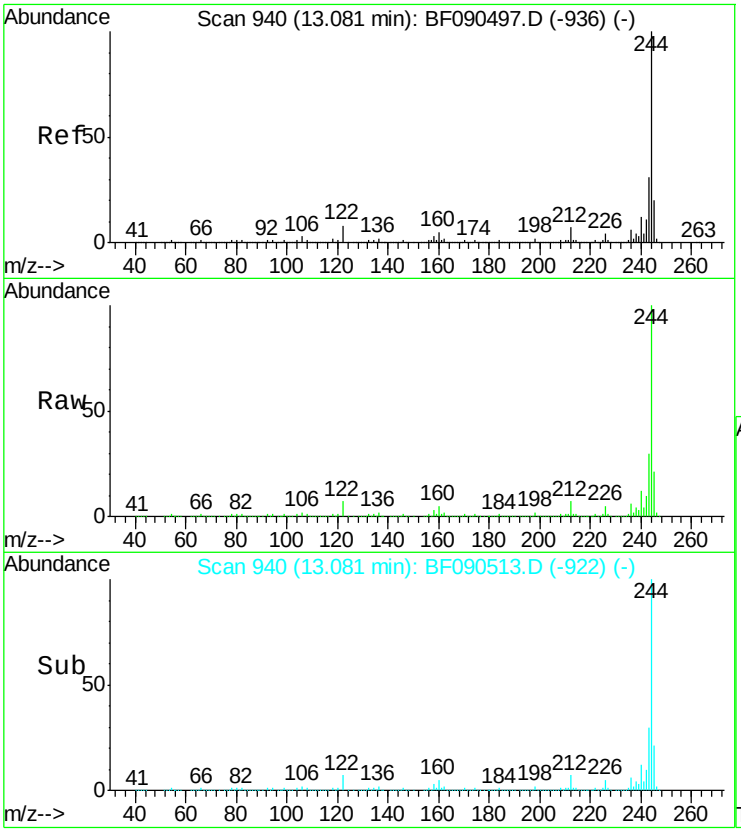


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF090513.D
Acq: 11 Oct 2016 20:24

Tgt Ion:240 Resp: 690520

Ion	Ratio	Lower	Upper
240	100		
120	18.0	8.6	13.0#
236	27.4	21.6	32.4



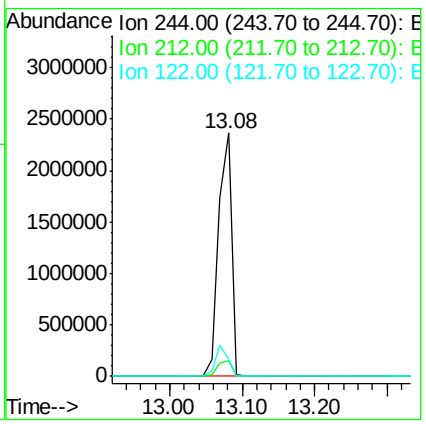


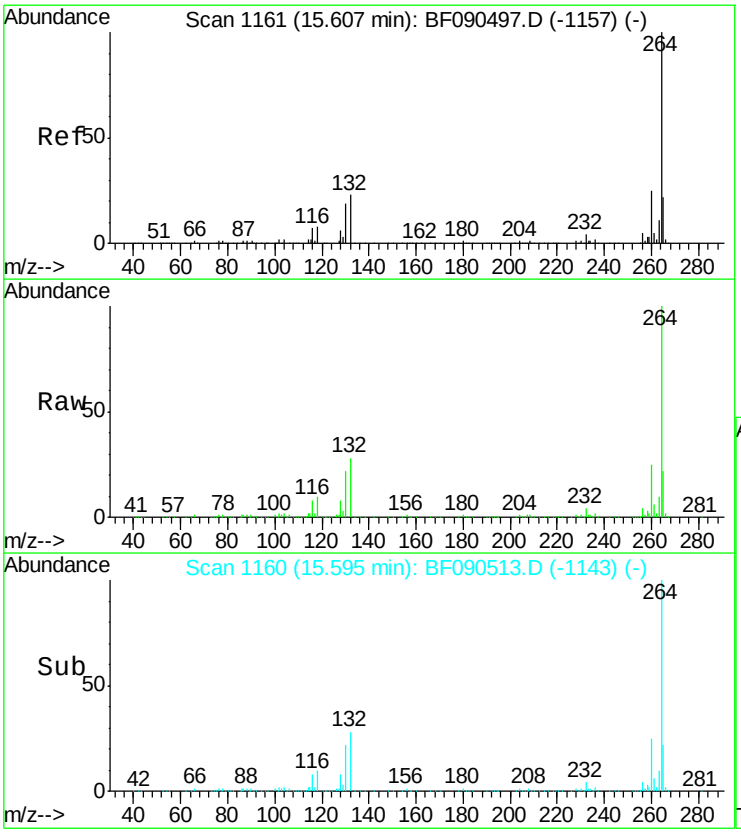
#78
Terphenyl-d14
Concen: 104.30 ng
RT: 13.08 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF090513.D
Acq: 11 Oct 2016 20:24

Instrument :
BNA_F
ClientSampleId :
S8-0617

Tgt Ion:244 Resp: 2946981

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.8	10.2#
122	7.1	13.3	19.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF090513.D
Acq: 11 Oct 2016 20:24

Tgt Ion:264 Resp: 556803

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	21.9	17.4	26.0